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cont.

further comprises encoding the portion compliant to the destination device medium capabilities, features and functions.

21.   (New) The method of claim 18, wherein the predetermined criteria further describes at least one activity and the predetermined activity further comprises:

    at least one sensitivity to natural phenomena;

    a schedule of the at least one activity; and

    at least one geographic location of the at least one activity.

22.   (New) The method of claim 18, wherein the portion further comprises multimedia data.

23.   (New) The method of claim 18, wherein the destination device includes one or more devices selected from the group consisting of a telephone, a voicemail system, a pager, a multimedia-enabled computer, an email system, a computer display monitor, a personal digital assistant, and a personal communication system phone.

24.   (New) A computer-readable medium having computer-executable instructions to cause a server computer to perform a method comprising:

    receiving natural-phenomenological data from a source;

    receiving predetermined criteria for selecting natural-phenomenological data, wherein the
            predetermined criteria comprises information that describes personal
            preference data of a subscriber;

    selecting a portion of the natural-phenomenological data based on the predetermined
            criteria; and

    transmitting the portion to at least one destination device.

25.   (New) The computer-readable medium of claim 24, wherein receiving natural-phenomenological data occurs before receiving predetermined criteria for selecting natural-phenomenological data.

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cont.

26.   (New) The computer-readable medium of claim 24, further comprising before

transmitting, receiving predetermined criteria identifying at least one destination device; and

wherein transmitting further comprises encoding the portion compliant to the destination device

medium and capabilities.

27.   (New) The computer-readable medium of claim 24, wherein the predetermined criteria

further describes a plurality of activities, and wherein the predetermined activity further

comprises:

> at least one sensitivity to natural phenomena;

> a schedule of the plurality of activities; and

> at least one geographic location associated with each of the plurality of activities.

28.   (New) The computer-readable medium of claim 24, wherein the portion further comprises

multimedia data.

29.   (New) The computer-readable medium of claim 24, wherein the destination device

includes one or more devices selected from the group consisting of a telephone, a voicemail

system, a pager, a multimedia-enabled computer, an email system, a computer display monitor, a

personal digital assistant, and a personal communication system phone.

30.   (New) A computerized system for generating and distributing personalized natural-

phenomenological information, comprising:

> a receiver of natural-phenomenological data;

> a receiver of predetermined criteria for selection of natural-phenomenological data,

>> wherein the predetermined criteria comprises information further comprises

>> personal preference data of a subscriber;

> a selector of a portion of the natural-phenomenological data based on the predetermined

>> criteria, communicatively connected to the receiver of natural-phenomenological

>> data and the receiver of predetermined criteria; and

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at least one transmitter communicatively connected between the selector and at least one

destination device.

31.   (New) The computerized system of claim 30, further comprising a receiver of

predetermined criteria of at least one destination device, communicatively coupled between the

selector and the transmitter; and wherein the transmitter encodes the portion compliant to the

capabilities, features and functions of the destination device medium and transmits the encoded

portion to the destination device.

32.   (New) The computerized system of claim 30, wherein the predetermined criteria further

describes at least one activity and the predetermined activity further comprises:

> at least one sensitivity to natural phenomena;
>
> a schedule of the plurality of activities; and
>
> at least one geographic location associated with each of the plurality of activities.

33.   (New) The computerized system of claim 30, wherein the portion further comprises

multimedia data.

34.   (New) The computerized system of claim 30, wherein the destination device includes one

or more devices selected from the group consisting of a telephone, a voicemail system, a pager, a

multimedia-enabled computer, an email system, a computer display monitor, a personal digital

assistant, and a personal communication system phone.

35.   (New) A computer data signal embodied in a carrier wave comprising computer data

including personalized natural-phenomenological information, wherein the computer data further

comprises generated by a method comprising of:

> receiving natural-phenomenological data from a source;
>
> receiving predetermined criteria for selecting natural-phenomenological data, wherein the
>
> > predetermined criteria comprises information that further comprises personal
> >
> > preference data of a subscriber; and
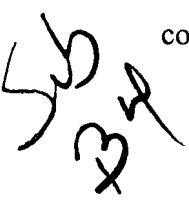
PRELIMINARY AMENDMENT
Serial Number: 10/004,623
Filing Date: December 3, 2001
Title: GENERATION AND DISTRIBUTION OF PERSONALIZED MULTIMEDIA NATURAL PHENOMENOLOGICAL INFORMATION

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Dkt: 1081.001US2

selecting a portion of the natural-phenomenological data based on the predetermined

criteria.

36.   (New) The computer data signal of claim 35, wherein receiving natural-

phenomenological data occurs before receiving predetermined criteria for selecting natural-

phenomenological data.

37.   (New) The computer data signal of claim 35, wherein the portion further comprises

encoded in a manner compliant to a destination device medium capabilities, features and

functions.

38.   (New) The computer data signal of claim 37, wherein the destination device further

comprises at least one of a telephone, a voicemail system, a pager, a multimedia-enabled

computer, email system, a computer display monitor, a personal digital assistant, and a personal

communication system phone.

39.   (New) The computer data signal of claim 35, wherein the predetermined criteria further

describes a plurality of activities, and wherein the predetermined activity further comprises:

        at least one sensitivity to natural phenomena;

        a schedule of the plurality of activities; and

        at least one geographic location of the plurality of activities.

40.   (New) The computer data signal of claim 35, wherein the portion further comprises

multimedia data.

41.   (New) A computer-readable medium having stored thereon a data structure comprising:

        a first field comprising data representing a subscriber data structure; and

        a second field comprising data representing a natural-phenomenological data structure

        associated with a subscriber identified by the first field.

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cont.

42.   (New) The computer-readable medium of claim 41, wherein the subscriber data structure

further comprises a pointer to a subscriber object.

43.   (New) The computer-readable medium of claim 41, wherein the natural-

phenomenological data structure further comprises a pointer to a natural-phenomenological

object.

44.   (New) A data structure having stored thereon a person data structure comprising:

    a person type field containing data representing an identifier of a particular person;

    a natural-phenomenological-preference data structure containing data representing at least

        one natural-phenomenological-preference for the particular person identified by

        the person type field; and

    a calendar data structure containing data representing a calendar for the particular person

        identified by the person type field.

45.   (New) The data structure of claim 44 wherein the natural-phenomenological-preference

data structure further comprises:

    a natural-phenomenological-preference type field containing data representing an

        identifier of a particular natural-phenomenological-preference;

    at least one natural-phenomenological-knowledge data structure containing data

        representing natural-phenomenological-knowledge for the natural-

        phenomenological-preference identified by the preference type field;

    a forecast data structure containing data representing forecast for the natural-

        phenomenological-preference identified by the preference type field; and

    a gridded data structure containing data representing gridded-data for the natural-

        phenomenological-preference identified by the preference type field.

46.   (New) The data structure of claim 44, wherein the calendar data structure further

comprises:

    a calendar type field containing data representing an identifier of a particular calendar;

        and

a day data structure containing data representing a plurality of days for the particular

calendar identified by the calendar type field.

47.   (New) The data structure of claim 46, wherein the day data structure field further

comprises:

a day type field containing data representing an identifier of a particular day; and

a natural-phenomenological-preference data structure containing data representing

natural-phenomenological-preference for the particular day identified by the day

type field.

48.   (New) A data structure having stored thereon a preference data structure comprising:

a preference type field containing data representing an identifier of a particular

preference;

a sensitivity data structure containing data representing a sensitivity for the particular

preference identified by the preference type field; and

a geographic-location data structure containing data representing a geographic-location

for the particular preference identified by the preference type field.

49.   (New) The data structure of claim 48, wherein the preference type field identifies a

natural-phenomenological-preference data structure.

50.   (New) The data structure of claim 48, wherein the geographic-location data structure

further comprises:

a geographic-location type field containing data representing an identifier of a particular

geographic-location;

a longitude field containing data representing a longitude for the particular geographic-

location identified by the geographic-location type field;

a latitude field containing data representing a latitude for the particular geographic-

location identified by the geographic-location type field;

a name field containing data representing a name for the particular geographic-location

identified by the geographic-location type field; and

a radius field containing data representing a radius for the particular geographic-location

identified by the name type field.

51.   (New) A method comprising:

generating a personalized natural-phenomenological forecast, in reference to one or more

activities, at least one geographic location, and one or more dates and times; and

distributing the personalized natural-phenomenological information through the Internet.

52.   (New) The method of claim 51, wherein the natural-phenomenological forecast further

comprises a meteorological forecast.

53.   (New) A method comprising:

instantiating a gridded database object on a server; and

receiving in the gridded database object, gridded data from a source, wherein the gridded

data further comprises gridded natural-phenomenological records providing

numerical measurement data on current conditions at a variety of altitudes and

locations, wherein the gridded data is in gridded binary format.

54.   (New) The method of claim 53, further comprising:

storing the gridded data in a gridded database object; and

generating a text string of personal-natural-phenomenological from the gridded database

object;

encoding the text string according to the capabilities, features and functions of an output

device; and

transmitting the encoded text string to the output device.

55.   (New) A method for generating personalized natural-phenomenological information

comprising:

retrieving gridded data from a gridded database; and

generating a personalized natural-phenomenological text string from the gridded data and

from personal preference data.

56.   (New) The method of claim 55, further comprising:

receiving gridded data by the gridded database; and

storing the gridded data in the gridded database.

57.   (New) The method of claim 55, further comprising:

encoding the personalized natural-phenomenological text string according to capabilities

of an output device.

58.   (New) The method of claim 57, further comprising:

transmitting the encoded personalized natural-phenomenological text string to the output

device.

59.   (New) A personalized natural-phenomenological text string produced by the process of:

retrieving gridded data from a gridded database; and

generating the personalized natural-phenomenological text string from the gridded data

and from personal preference data.

60.   (New) The personalized natural-phenomenological text string produced by the process of

claim 59, further comprising:

receiving gridded data by the gridded database; and

storing the gridded data in the gridded database.

61.   (New) The personalized natural-phenomenological text string produced by the process of

claim 59, further comprising:

encoding the personalized natural-phenomenological text string according to capabilities

of an output device.

62.   (New) The personalized natural-phenomenological text string produced by the process of

claim 61, further comprising:

      transmitting the encoded personalized natural-phenomenological text string to the output

          device.

63.   (New) An apparatus to generate personalized natural-phenomenological information

comprising:

      a gridded database object; and

      a personal-weather text-generator operably coupled to the gridded database object to

          retrieve gridded data from the gridded database, and to receive personal

          preference data, and to generate a personalized natural-phenomenological text-

          string from the gridded data and from the personal preference data.

64.   (New) The apparatus of claim 63, further comprising:

      an encoder of the personalized natural-phenomenological text string according to

          capabilities of an output device.

65.   (New) An apparatus to generate personalized natural-phenomenological information

comprising:

      a gridded database object; and

      means to generate a personalized natural-phenomenological text-string from the gridded

          data and from the personal preference.

66.   (New) The apparatus of claim 65, further comprising:

      means to encode the personalized natural-phenomenological text string according to

          capabilities of an output device.

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67.   (New) A data structure comprising:

data representing gridded-data wherein the gridded data further comprises gridded

natural-phenomenological records providing numerical measurement data on

current conditions at a variety of altitudes and locations.

68.   (New) The data structure of claim 67, wherein the gridded data further comprises gridded

data in gridded binary format.

69.   (New) The data structure of claim 67, wherein the gridded data further comprises gridded

data formatted according to a code form FM 94 binary universal form.

REMARKS

Applicant has cancelled claims 1-17 and added new claims 18-69. Claims 18-69 are now

pending.